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URBAN DISTRICT COUNCIL.

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# Annual Reports

OF THE

Medical Officer of Health,  
Surveyor,

AND

Sanitary Inspector,

For the year ended 31st December, 1922.

NUTTALL & CO. LIMITED.  
KINGS MILL, BURNLEY.



# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

FOR 1922.

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GISBURN ROAD,

BARROWFORD,

*April 7th, 1923.*

TO THE CHAIRMAN AND MEMBERS OF THE BARROWFORD  
URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to present to you my Annual Report on the health and sanitary conditions of the Urban District of Barrowford during the year 1922.

### STATISTICS.

In Table A, attached to this Report, are shown :—(1) the General Statistics, and (2) the Vital Statistics of the district. From this table it will be seen that both the birth rate and the death rate are less than in the previous year.

Table B shows the Vital Statistics for the United Kingdom, and Table C, an analysis of deaths and their causes in Barrowford.

### NOTIFIABLE DISEASES.

There were eight notifications of infectious disease, and six deaths. Five of these deaths were due to Pneumonia and one to Pulmonary Tuberculosis. Rooms and houses previously occupied by tubercular patients were promptly disinfected as soon as information of their removal was received.

## SPECIAL CAUSES OF SICKNESS.

A mild epidemic of Influenza occurred in the first quarter of the year, and there was one death.

In the second quarter there was an epidemic of Measles (Morbilli).

## NURSING ARRANGEMENTS AND INSTITUTIONS.

There are no arrangements for professional nursing in the home made locally. The services of the Nelson and District Nursing Association, however, are available for the families of weavers under arrangements made by the Weavers' Association.

## CHILD WELFARE.

The Child Welfare Centre, established by the County Council, is open every Thursday in the Congregational School, Church Street at 2-30 p.m. It is supported in its work by a representative Local Committee of Ladies. Supplies of food and milk for expectant and nursing mothers, and milk for infants, are there obtainable.

## ISOLATION OF INFECTIOUS DISEASES.

Arrangements have been made with the Nelson Health Authority to accept cases of infection in the Nelson Isolation Hospital at Catlow.

## DISINFECTION.

Twenty houses have been disinfected during the year by a fumigation lamp. Clothing and bedding are sent to the Steam Disinfector of the Health Department, Nelson.

## AMBULANCE FACILITIES.

- (a) Infectious cases—Nelson Health Department,
- (b) Non-Infectious and accident cases—Nelson Fire Station.

## SANITARY ADMINISTRATION.

## WATER SUPPLY.

The source of the water supply is the Nelson Corporation Upland Surface Water. The water is good.

## SCAVENGING.

Scavenging and removal of house refuse is carried out satisfactorily by the Sanitary Authority,

There is no refuse destructor, but the ashes are conveyed to the "tip," and the nightsoil to the land.

## DRAINAGE.

This is carried out by means of earthenware pipe sewers. They are regularly flushed, and discharge into a system of septic tanks, sprinklers, and sedimentation tanks.

## BAKE-HOUSES.

There are ten Bake-houses in the district, and their condition is satisfactory.

## SLAUGHTER-HOUSES.

Two Slaughter-houses are registered and licensed. Their condition is satisfactory.

## LODGING-HOUSES.

There are no registered Lodging-houses in the district.

## SCHOOLS.

There are three Schools in the district, and their sanitary condition is satisfactory.

## DAIRIES.

Dairies are periodically inspected and their condition is satisfactory. There are thirty-five registered and regulated under the order of the L.G.B. There are no milkshops.

## FOOD.

No food has been condemned during the year.

### NUISANCES.

Fifty-five notices of nuisances were served, but no legal process was rendered necessary. One hundred and fifteen nuisances were abated through the action of the Local Authority.

### CLOSETS AND ASHPITS.

There are twenty-seven privy middens, with twenty-seven closets attached. There are sixteen pail closets, and seven hundred and eighty-two dry ashpits. There are one hundred and eighty-two fresh-water closets, 829 waste-water closets, 318 portable receptacles for refuse.

All new property will be provided with fresh w.c.'s.

### SMOKE NUISANCES.

Three observations have been made, but no legal proceedings taken. The time limit allowed for the emission of black smoke is ten minutes per hour.

### HEALTH AUTHORITIES.

The Authorities adopted are :—" The Infectious Disease (Prevention) Act, 1890," and " The Public Health Acts Amendment Act, 1890."

### PUBLIC HEALTH STAFF.

The Medical Officer of Health : Alfred E. Seller, F.R.I.P.H. etc. The services of the M.O.H. are part time, and remunerated at the rate of £80 per annum inclusive.

The Sanitary Inspector, Thomas Cyril Slack, M.R. San. Inst. These services are also part time and remunerated at the rate of £137 11s. per annum inclusive.

### HOUSING.

One new house has been erected during the year by private enterprise. Fifteen houses were inspected for sanitary infringements (under Public Health or Housing Acts). Sixty-one houses were inspected under the Housing (Inspection of District) Regulations, 1910, and these inspections were fully recorded as directed by the regulations. Thirty-four defective dwellinghouses have been rendered fit in consequence of informal action by the U.D.C. or its officers. Nineteen dwelling houses were remedied by their owners in consequence of formal notices served with regard to defects.

## NOTABLE SANITARY IMPROVEMENTS.

Tar spraying of roads to prevent dust nuisance.

## CHIEF SANITARY REQUIREMENTS.

Alterations and extensions to the Sewage Disposal Works, in order to improve the character of the effluent.  
Paving of private streets.

## PROPOSED PARK.

With the co-operation of some of the leading ratepayers, the Council has acquired Lower Park Hill Farm as a suitable site for a Park and Recreation Ground. Sufficient ground will also be available for Allotments.

I have the honour to be,

Your obedient servant,

ALFRED E. SELLER,

*Medical Officer of Health.*

TABLE A.

## 1.—GENERAL STATISTICS.

Area (acres) .....	1,387
Population.....	5,717

## 2.—EXTRACTS FROM VITAL STATISTICS OF THE YEAR 1922.

		Total.		Male.		Female.
Births	{ Legitimate.....	69	...	38	...	31
	{ Illegitimate .....	6	...	2	...	4
Deaths .....		61	...	28	...	33

Number of women dying in, or in consequence of, childbirth. ....	{ from sepsis.....	0
	{ from other causes.	1

Deaths of Infants under one year of age :—

Total ...	9	Legitimate ...	6	Illegitimate ...	3
Deaths from Measles (all ages) .....					2
„ Whooping Cough (all ages) .....					Nil
„ Diarrhœa (under 2 years of age) .....					1

## RATES PER 1,000 OF POPULATION.

Mean of 10 years

	Birth-rate.		Death-rate.		Phthisis Death-rate.		Rate of deaths under 1 year to 1,000 Births.
1912-1921 .....	16.3	...	13.4	...	0.66	...	90
1921.....	20.9	...	16.7	...	0.87	...	108
1922.....	13.1	...	10.6	...	0.17	...	120

*Increase or Decrease**in 1922 on—*

<i>Ten Years' Average....</i>	−3.2	...	−2.8	...	−0.49	...	+30
<i>Previous Year.....</i>	−7.8	...	−6.1	...	−0.70	...	+12



TABLE B.

## BIRTH RATE, DEATH RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR, 1922.

(Provisional figures. Populations estimated to the middle of 1921 have been used for the purposes of this Table. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns).

	Birth Rate per 1,000 Total Population.	ANNUAL DEATH RATE PER 1,000 POPULATION.										RATE PER 1,000 BIRTHS		PERCENTAGE OF TOTAL DEATHS.			
		All Causes	Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis (under 2 years)	Total Deaths under 1 year	Deaths in Public Institutions	Certified Causes of Death.	Inquest Cases	Uncertified Causes of Death	
England & Wales	20.6	12.9	0.01	0.00	0.15	0.04	0.16	0.11	0.54	0.44	6.2	77	25.6	92.7	6.2	1.1	
105 County Boroughs and Great Towns including London	21.4	13.0	0.01	0.00	0.22	0.05	0.19	0.13	0.56	0.41	7.6	82	32.9	92.6	6.7	0.7	
155 Smaller Towns (1921 Adjusted Populations 20,000-50,000)	20.5	11.7	0.01	0.00	0.10	0.03	0.15	0.09	0.58	0.35	5.6	75	16.9	93.6	5.1	1.3	
London .....	21.0	13.4	0.01	0.00	0.35	0.07	0.25	0.25	0.57	0.45	7.1	74	48.7	92.1	7.8	0.1	

TABLE C.—ANALYSIS OF DEATHS AND CAUSES IN BARROWFORD.

	1 Year	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & over	Total
Bronchitis .....	3	...	...	...	...	...	...	...	...	1	...	3	7
Pneumonia.....	2	1	...	...	...	...	...	...	1	...	1	...	5
Influenza .....	...	...	...	...	...	...	...	...	...	...	1	...	1
Bright's Disease .....	...	...	...	...	...	...	...	...	...	...	1	...	2
Pulmonary Tuberculosis.....	...	...	...	...	...	...	...	...	1	...	...	...	1
Senile Decay .....	...	1	...	...	...	...	...	...	...	...	...	12	12
Measles .....	...	...	1	...	...	...	...	...	...	...	...	...	2
Cardiac Diseases .....	...	...	...	...	...	...	...	...	...	1	...	4	10
Apoplexy.....	...	...	...	...	...	...	...	...	...	...	...	3	4
Malignant Disease .....	...	...	...	...	...	...	...	...	...	...	...	...	4
G.P.G. (Syphilis).....	...	...	...	...	...	...	...	...	...	...	...	...	1
Pernicious Anæmia.....	...	...	...	...	...	...	...	...	...	1	...	...	1
Atocue Dyspepsia .....	1	...	...	...	...	...	...	...	...	...	...	...	1
Accident .....	...	...	...	1	...	...	...	...	...	...	...	...	1
Gastritis .....	1	...	...	...	...	...	...	...	...	...	...	...	1
Autro Meningitis .....	1	...	...	...	...	...	...	...	...	...	...	...	1
Convulsions.....	2	1	...	...	...	...	...	...	...	...	...	...	3
Intestinal Obstruction.....	...	...	...	...	...	...	...	...	...	...	...	...	1
Puerperal Eclampsia .....	...	...	...	...	...	...	...	...	1	...	...	...	1
Congenital Defect .....	1	...	...	...	...	...	...	...	1	...	...	...	1
Premature Birth .....	1	...	...	...	...	...	...	...	...	...	...	...	1
Totals.....	12	3	1	1	...	...	...	...	4	3	11	26	61

# Annual Report of Sanitary Inspector

FOR YEAR 1922.

TO THE CHAIRMAN AND MEMBERS OF THE BARROWFORD  
URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have pleasure in presenting to you my Annual Report of the sanitary work dealt with during the year 1922.

## INSPECTION AND NUISANCES DEALT WITH.

Periodical inspections have been made during the year for the detection and suppression of nuisances.

Fifty-three informal and two legal notices were served for various infringements.

The following 115 defects were remedied during the year :

Defective Water Closets .....	1
„ Waste Water Closets.....	14
„ Drains .....	12
„ Ashpits.....	3
Nuisance from Animals.....	2
Accumulations of Rubbish .....	5
Accumulations of Foul Matter.....	9
Defective Rain Water Spouts.....	6
Roofs Repaired .....	6
Miscellaneous .....	32
New Water Closets provided.....	9
New Privy Pails provided.....	3
New Ashbins provided .....	13
Total.....	115

## HOUSING : INSPECTION OF DISTRICT REGULATIONS, 1910.

Houses Inspected.....	61
Closing Orders .....	Nil
Houses in which defects were remedied without Closing Orders .....	19

The nuisances and defects found in these inspections were chiefly structural and dampness.

## SLAUGHTER-HOUSES.

Number of Registered and Licensed Slaughter-	
houses.....	3
Number of defects found and abated .....	2

## BAKEHOUSES.

Number on Register .....	10
Number of defects found.....	1
Number of defects abated.....	1

## DAIRIES AND COWSHEDS.

Number on Register .....	35
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One verbal and one informal notice were given for infringements. They were both complied with.

The Dairies and Cowsheds are kept in a fairly satisfactory state.

## WORKSHOPS.

The workshops are kept fairly clean.

## OFFENSIVE TRADES.

Number on Register .....	1
There were no infringements.	

## SMOKE OBSERVATIONS.

Number of Observations .....	3
Infringements.....	Nil

## INFECTIOUS DISEASE AND DISINFECTION.

There were 20 houses disinfected with formaldehyde vapour or spray.

## REFUSE SCAVENGING.

Ashbins emptied .....	7,965	Loads of Ashes tipped ..	1,037
Ashpits emptied.....	2,367	Loads of Nightsoil tipped	148
Privy Pails emptied....	153.	Loads of Trade Refuse	
Privy Tanks emptied..	189	tipped .....	81

I am, Gentlemen,

Your obedient servant,

T. C. SLACK, M.R. San. Inst.

# Annual Report of Surveyor

FOR YEAR 1922.

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TO THE CHAIRMAN AND MEMBERS OF THE BARROWFORD  
URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to present to you my Annual Report of the work of the Surveyor's Department.

## PLANS.

During the year the following Plans were approved :

- 2 Plans relating to Dwelling-houses and Outbuildings.
- 1 Plan relating to Scullery and Bathroom.
- 1 Plan relating to Scullery.
- 3 Plans relating to Motor Garages.
- 2 Plans relating to Workshops (Temporary Buildings).
- 7 Plans relating to Motor Garages (Temporary Buildings).
- 2 Plans relating to Tool-houses (Temporary Buildings).
- 1 Plan relating to Butcher's hop (Temporary Building).
- 1 Plan relating to Confectionery Shop (Temporary Building).
- 1 Plan relating to Cart Shed (Temporary Building).
- 1 Plan relating to Petrol Pump (Temporary Erection).

—  
22...Total number of Plans approved.

One house was certified for habitation.

## WORKS EXECUTED DURING THE YEAR.

No Special Works were carried through during the year under review.

Plans and estimates of cost for improving the narrow roadway situate between Higher Causeway and Clough Farm were prepared and submitted to the County Council, with a view of obtaining a grant from the County Authority, and obtaining their support in procuring a grant from the Ministry of Transport. However, as your Urban District was not scheduled by the Ministry of Labour as an Unemployed Area, I was informed by the County Surveyor he was afraid no good purpose could be served by forwarding the application to the Unemployed Grants Committee for a grant, as hitherto they have turned down all schemes submitted to them unless the District making application has been scheduled by the Ministry of Labour as an Unemployed Area.

## CLASS II. SECONDARY ROADS.

### *Road FQ.*

On Wheatley Lane and Colne Road 800 super. yards of granite surfacing has been done and about 8,000 super. yards of tar-spraying.

### *Road FS.*

New branch drains and 5 additional settling gullies were fixed on Carr Hall Road, and about 150 yards of channel and setts were taken up and relaid with a proper fall.

About 1,500 yards of granite surfacing was carried out and about 600 yards of the carriage way was tar-sprayed.

A portion of the footpath was taken up, re-ballasted, and surfaced with tar-macadam.

## UNCLASSIFIED SECONDARY ROADS.

### *Road 105.*

Although this road has never been classified, it is subjected to the severest useage, as practically all the heavy through traffic traverses the whole length.

During the year, 1,388 super. yards of carriage-way was re-surfaced with granite macadam and about 500 yards was tar-sprayed.



## DISTRICT ROADS.

On Pasture Lane 400 yards of carriage-way has been strengthened with rubble stone pitching and ballast, and 700 yards of roadway was re-surfaced with a sheet of limestone macadam.

Patching and minor repairs were also executed.

## STEAM ROLLER.

In addition to being engaged on all your roads during the year, the roller has been hired for periods by the Lancashire County Council, Earby Urban District Council, and Brierfield Urban District Council.

## SEWAGE DISPOSAL WORKS.

During the year sludge pressing has been in frequent operation, and no difficulty was experienced in getting rid of the sludge. The settling tanks and sprinklers have been frequently cleansed, and all the woodwork and nearly all the ironwork was scraped and repainted. However the sprinkler arms are in a bad state of corrosion, and in the near future it will be necessary to renew and repair them.

The humus tanks have been sludged and cleansed several times during the year, but the character of the effluent still remains very unsatisfactory, although I think there has been a slight improvement over the previous year.

The Inspector of the Ribble Joint Committee took eight samples, with the following results :

Date Sample taken	Classification	No. on Inspector's List	Position
30th Jan., 1922	Fair	70	50
8th March, 1922	Poor	67	41
31st May, 1922	Bad	78	75
4th July, 1922	Poor	87	56
11th Sept., 1922	Bad	87	78
23rd Nov., 1922	Bad	73	71
12th Dec., 1922	Bad	73	67
28th Dec., 1922	Poor	42	67

The effluents are classified into four sections, e.g., Good, Fair, Poor, and Bad.

## EXTENSION AND ALTERATION SCHEME.

In connection with your Sewage Works Improvement Scheme, I have taken guagings of the flow at dry periods. For 24 hours between 7 p.m., April 10th, and 7 p.m., April 11th, the flow was at the rate of 223,000 gallons, or an average of 9,291.6 gallons per hour. Between 7 a.m. on May 10th, and 7 a.m., May 11th, the flow was at the rate of 211,000 gallons, or an average of 8,791.6 gallons per hour.

Several samples of crude sewage and effluent were taken during the year, and analyses were made by your Consulting Chemist, Mr. S. E. Melling, F.I.C. None of the samples tested were satisfactory, and your Chemist reports that the crude sewage is *abnormally strong*, which, of course, increases the difficulty of obtaining a good effluent.

The substituted scheme prepared by your Consulting Engineer, Mr. C. J. Lomax, M.I.C.E., has been sanctioned by the Ministry of Health, and it is hoped to complete it during the forthcoming year.

I am, Gentlemen,

Your obedient servant,

T. C. SLACK. M.I.M. & C.E.